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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Attorney Docket No.: Flarion-21 (060542)

Appl. No.: 09/931,469

Applicants: Rajiv LAROIA, Junyi LI

Filed: August 16, 2001

Title: OFDM COMMUNICATIONS METHODS AND APPARATUS

TC/A.U.: 2665

Examiner: Steven H. D. Nguyen

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Amendment and Interview Summary

Sir:

This Amendment follows a December 14, 2006 in person interview.

Amendments to the claims begin on page 2 of this paper.

Remarks/Arguments begin on page 16 of this paper.

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# FACSIMILE COVER SHEET JAN 16 2007

*The Law Offices of*  
**STRAUB & POKOTYLO**

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From: Michael P. Straub, Esq.

Date: January 16, 2007

Number of Pages Including Cover: 23

MESSAGE: FORMAL SUBMISSION OF:

- 1) Transmittal;
- 2) Fee transmittal (in duplicate);
- 3) Amendment

Attorney Docket No.: Flarion-21 (060542)

Appl. No.: 09/931,469

Applicant: Rajiv LAROIA, Junyi LY

Filed: August 16, 2001

Title: OFDM COMMUNICATIONS METHODS AND APPARATUS

TC/A.U.: 2616

Examiner: Steven H. D. Nguyen

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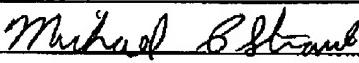
Modified PTO/SB/21 (08-00)

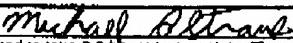
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		<b>Application Number</b> 09/931,469 <b>Filing Date</b> August 16, 2001 <b>First Named Inventor</b> Rajiv LAROIA <b>Group Art Unit</b> 2616 <b>Examiner Name</b> Steven H. D. Nguyen  <b>Total Number of Pages in This Submission</b> _____ <b>Attorney Docket Number</b> Flarion-21 (060542)
------------------------------------------------------------------------------------------------	--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>ENCLOSURES</b> (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Postcard Receipt  <input type="checkbox"/> Other Enclosure(s) (please identify below): _____
Remarks		

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm or Individual name	Michael P. Straub (Reg. No. 36,941)
Signature	
Date	January 16, 2007

<b>CERTIFICATE OF FACSIMILE</b>	
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# FEE TRANSMITTAL for FY 2006

Effective 12/08/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 00.00)

Complete if Known

Application Number	09/931,469
Filing Date	August 16, 2001
First Named Inventor	Rajiv LaRoia
Examiner Name	Steven H. D. Nguyen
Art Unit	2616
Attorney Docket No.	Flarion-21 (060542)

**METHOD OF PAYMENT (check all that apply)** Check  Credit card  Money Order  Other  None Deposit Account:Deposit Account Number  
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 Charge any additional fee(s) due in connection with the filing of this application  
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**FEES CALCULATION****1. BASIC FILING, SEARCH & EXAMINATION FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
1000	500	Utility fee	
430	215	Design fee	
650	330	Plant fee	
1400	700	Reissue fee	
200	100	Provisional fee	
<b>SUBTOTAL (1)</b>		<b>(\$ 00.00)</b>	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	X	=
Independent Claims	- 3** =	X	=
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 50	2202 25	Claims in excess of 20	
1201 200	2201 100	Independent claims in excess of 3	
1203 360	2203 180	Multiple dependent claim, if not paid with independent claims	
1204 200	2204 100	**Reissue independent claims over original patent	
1205 50	2205 25	**Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>		<b>(\$ 00.00)</b>	

\*\*or number previously paid, if greater. For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1264 1,680	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable	
1453 1,500	2453 750	Petition to revive - unintentional	
1501 1,400	2501 700	Utility issue fee (or reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
Petitions to the Commissioner - check fee sheet			
1807 50	1807 50	Processing fee under 37 CFR 1.17(c)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1808 780	2808 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 780	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	
Other fee (specify)			
* Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b> (\$ 00.00)	

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Michael P. Straub	Registration No. <i>(Attala/Pokotylo)</i>	36,941	Telephone (732) 542-9070
Signature	<i>Michael P. Straub</i>	Date	January 16, 2007	

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First Named Inventor	Rajiv LaRoya
Examiner Name	Steven H. D. Nguyen
Art Unit	2616
Attorney Docket No.	Flarion-21 (060542)

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<input checked="" type="checkbox"/> Deposit Account:				
Deposit Account Number	50-1049			
Deposit Account Name	Straub & Pokotylo			

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## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
		Fee Code (\$)	Fee Code (\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1261	120	2251	60
1252	450	2252	225
1253	1,020	2253	510
1254	1,590	2254	795
1255	2,160	2255	1,080
1401	500	2401	250
1402	500	2402	250
1403	1,000	2403	500
1451	1,510	1451	1,510
1452	500	2452	250
1453	1,500	2453	750
1501	1,400	2501	700
1502	800	2502	400
1503	1,100	2503	550
		Petitions to the Commissioner - check fee sheet	
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	780	2809	395
1810	790	2810	395
1801	790	2801	395
1802	900	1802	900
		Other fee (specify) _____	
		* Reduced by Basic Filing Fee Paid	SUBTOTAL (3) (\$ 00.00)

## FEE CALCULATION

### 1. BASIC FILING, SEARCH & EXAMINATION FEES

Large Entity	Small Entity	Fee	Fee Description	Fee Paid
		(\\$)	(\\$)	
1000	500	Utility fee		
430	215	Design fee		
660	330	Plant fee		
1400	700	Reissue fee		
200	100	Provisional fee		
			<b>SUBTOTAL (1) (\$ 00.00)</b>	

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent	-20** =	X _____	= _____
Claims	- 3** =	X _____	= _____
Multiple Dependent			

Large Entity	Small Entity	Fee	Fee Description
		Code (\$)	Code (\$)
1202	50	2202	25
1201	200	2201	100
1203	360	2203	180
1204	200	2204	100
1205	50	2205	25
			<b>SUBTOTAL (2) (\$ 00.00)</b>

\*\*or number previously paid, if greater. For Reissues, see above

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Michael P. Straub	Registration No. (Attorney/Agent)	36,941	Telephone (732) 542-9070
Signature	<i>Michael P. Straub</i>	Date	January 16, 2007	

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